

ABSTRACT OF THE DISCLOSURE

A catalyst particle containing an active metal and a carrier composed of a carbon material, wherein the active metal being supported by cavities on a surface of the carrier and their edge portions. The active
5 metal is fixedly attached to the carrier for a long period of time, so that the catalyst particle stably shows a high catalytic activity, which is hardly reduced by a reaction. The catalyst particle is usable for the dehydrogenation of alcohols.